

CLASS EXERCISES

Graph each relation and state its domain and range.

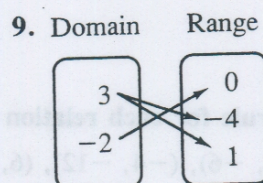
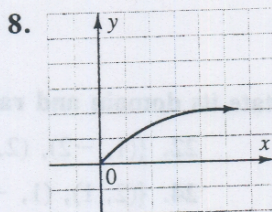
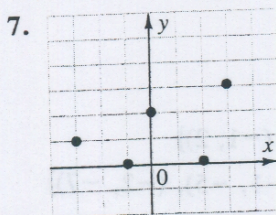
1. $\{(-2, 1), (-1, 0), (0, 1), (1, 2)\}$ 2. $\{(2, 4), (3, 5), (4, 6), (5, 7)\}$

Write a rule for each relation and state the domain and range.

3. $\{(0, 2), (1, 3), (2, 4)\}$ 4. $\{(1, 3), (2, 6), (3, 9)\}$

Find the domain and range of each relation and state which are functions.

5. $\{(2, 6), (3, 6), (4, 5), (7, 8)\}$ 6. $\{(2, -3), (2, 3), (4, 9), (5, 7)\}$



PRACTICE EXERCISES

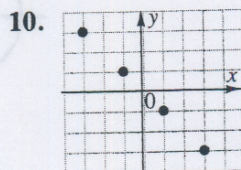
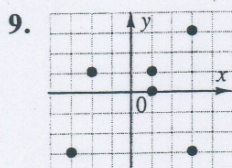
Graph each relation and state its domain and range.

1. $\{(-1, 1), (-2, 2), (-3, 3), (-4, 4)\}$ 2. $\{(6, 3), (4, 1), (2, -1), (0, -3)\}$
 3. $\{(0, -2), (2, 0), (3, 1), (5, 3)\}$ 4. $\{(-1, 3), (-2, 1), (-3, -3), (-4, -5)\}$

Write a rule for each relation and state its domain and range.

5. $\{(0, 4), (1, 5), (2, 6), (3, 7)\}$ 6. $\{(2, 8), (3, 12), (4, 16)\}$
 7. $\{(1, -2), (2, -1), (4, 1), (5, 2)\}$ 8. $\{(1, 7), (2, 8), (3, 9), (4, 10)\}$

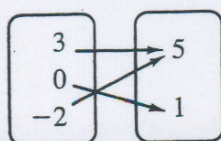
Write the ordered pairs for each relation graphed below. Find the domain and range.



Determine which, if any, of the following relations are functions.

11. $M = \{(2, 4), (4, 8), (8, 16)\}$ 12. $T = \{(-1, 2), (-2, 5), (-2, 7)\}$

13. Domain Range



14. Domain Range

